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(54) Title: HSAN II RELATED GENE AND EXPRESSION PRODUCTS AND USES THEREOF

(57) Abstract: Methods of utilizing a gene related to pain perception, herein dubbed HSN2, or its encoded protein, dubbed herein "sensorin," for the screening and identification of agents for the treatment of pain, neuropathy and related disorders, especially small organic compounds, as well as methods of using these compounds to treat or otherwise ameliorate pain, neuropathy and related disorders in human patients. Novel polypeptides and polynucleotides, along with their nucleotide and amino acid sequences, are also disclosed.